CLAIMS

1.- Process for establishing a communication, on a first, computer network (3) of the INTERNET type, between two devices (1, 2) on this first, computer network (3) and a second, telephone network (4), in which:

- one of the two calling devices (1) calls the other (2) on the second, telephone network (4) to invite it into the said communication by giving it the references (IP31, XX, YY) of a message accessible on the computer network (3),

- the calling device (1) connects itself to the first, computer network (3), receives a computer address (IP1) and incorporates it into the aforesaid message, and

- the called device (2) connects itself to the first, computer network (3), accesses the aforesaid message, obtains the computer address (IP1) of the calling device (1) and establishes the aforesaid communication.

2.- Process in accordance with claim 1, in which the calling device (1) calls the other device (2) first of all on the second, telephone network (4) prior to connecting itself to the first, computer network (3).

3.- Process in accordance with claim 1, in which the device (1) calling the other device (2) via the second, telephone network (4) sends it a secret code word, which the latter subsequently retransmits, via the first, computer network (3), to the calling device (1) so that the latter may agree to establish communication.

4.- Process in accordance with claim 1, in which, during the call via the telephone network (4), the two devices (1, 2) exchange signals verifying their compatibility for communication across the first, computer network (3).

5.- Process in accordance with claim 4, in which the signals contain an identifier (N1) of the device (1) calling via the telephone network (4).